Author Index

Volume 17 January–June 1991

Abboud FM, 72
Abe I, 1192
Abel PW, 63
Aissa AH, 296
Alderman MH, 951
Alexander RW, 693
Allen R, II-77
Almog S, 565
Alpert BS, 1156
Amery A, 574
Anderson EA, III-43
Anderson GL, 317
Anderson RJ, 636
Anderson S, 288
Andresen MC, 541
Angulo JA, 485
Applegate WB, II-2, II-35
Arend LJ, 117
Arnaldi G, 888
Aurell M, 1003

Bader M, 843
Bailey G, II-16
Ball DL, 958
Barber HJ, 579
Barnes KL, 1111
Barthelmebs M, 492
Bassett DR, 203
Baumbach GL, 308, III-7
Baxter JD, 469
Beevers DG, 787
Benzoni D, 296
Berecek KH, 141
Berge K, II-162
Berglund G, 579, 661
Berkson D, II-123
Bernstein KE, 693
Bevan JA, 870
Bhargava KK, 951
Biglieri EG, 251
Black HR, II-77
Blank SG, 225
Blaufox D, 210
Blaustein MP, 944
Bockman C, 63
Borhani NO , II-2
Borhani P, II-16
Bova S, 944
Brant D, 1161
Bravo EL, 742
Breitwieser GE, 684
Brody MJ, 881
Brooks B, 1092
Brosnihan KB, 131
Brown TW, 1063
Brown WCB, 626
Buñag RD, 80
Buchholz RA, 91
Buga GM, 187
Bumpus FM, 720
Burlando A, II-77
Buu NT, 997
Byers LW, 1092
Byington R, II-16

Calhoun DA, 363
Camel GH, II-152
Cameron VA, 643
Canessa M, 340
Carmines PK, 1033
Carmody S, II-16
Carretero OA, 101, 242, 1038, 1052
Casadei R, III-50, III-56
Catt KJ, 720
Cerri M, 170
Cerutti S, III-36
Chapleau MW, 72
Chappell MC, 131
Charles CJ, 643
Chen YD, 386
Chetrit A, 565
Chiappini M, II-152
Chiu AT, 720
Chobanian AV, 22, 888
Cinotti GA, 151
Clark MA, 923, 930, 936
Clegg MS, 793
Coffman JD, 593
Cohen JD, II-162
Contney SJ, 1185
Cordero P, 510
Cowley AW Jr, 902, 1078
Cox H, III-29
Cragoe EJ Jr, 780
Craven PA, 303
Creager MA, 989
Cumiskey WR, 91
Cupples LA, 22
Curb JD, II-35, II-123
Cushman DW, 589
Cutler JA, II-2

Davey J, II-62
Davidian MM, 776
Davies P, 787
Davis B, II-162
Davis BR, II-2, II-102, II-162, 210
de Champlain J, II-22
de Wardener HE, 830
DeGasparo M, 720
Delafontaine P, 693
DeLano FA, 323
DeRubertis FR, 303
DiBona GF, III-2, 44, 755
Dion D, 107
Dion S, 107
Diz DI, 1115, 1121, 1135
D'Orléans-Juste P, 480
Doyle AE, 247
Drapeau D, 107
Drapeau G, 107
DuCharme DW, 923, 930, 936, 944
Duchin KL, 636
Dundore RL, 91
Dunham CB, 678
Dunn MJ, 856
Dunnick NR, 678
Dzau VJ, 394, 989, 1167

Ebata H, 234
Eddleman EE, II-24
Egan BM, 958
Eisenhofer G, III-29
Eliasson K, 579
Elmfeldt D, 579
Ely DL, 1097, 1104
Escalante B, 776
Esler M, III-29
Espiner EA, 643

Fabris B, 497, 574
Faraci FM, 612, 917
Felix D, 1111
Fenoy FJ, 1038
Ferrannini E, 170
Ferrario CM, 28, 131, 1111, 1115, 1121, 1135
Ferrier C, III-29
Fink GD, 829, 1177
Fisher JF, 936
Fisher ND, 510
Fleming WW, 349
Ford CE, 553
Francis CK , II-123
Fregly MJ, 763
Friberg P, 1003
Frishman W, II-123
Frohlich BH, 1078
Frost P, II-102
Fuchs Z, 565
Fujishima M, 1192
Fukuto JM, 187
Furberg CD, II-2
Furlan R, III-36
Futterweit S, 194

Gagnon D, 22
Gallagher PJ, 723
Gante J, 270
Ganten D, 843
Ganten U, 843
Garcia-Roldan J, 870
Gardner DG, 864
Garrow TA, 793
Gaube S, 15
Gerlich M, 546
Ghione S, 170
Giannone C, 334
Gilbert BH, 334
Gill JS, 787
Gimenez MI, 334
Gisinger C, 15
Gleason R, 510
Gold ME, 187
Goldstein DS, 733
Goldszer R, 340
Gonzalez M, II-22
Goodfriend TL, 139, 720, 958
Goodwin L, II-16
Gore RD, 636
Graefe K, 546
Greene AS, 902
Greenlick MR, II-152

Griffin SA, 626
Griffing GT, 771
Grima M, 492
Grimm RH Jr, II-162
Groppelli A, III-56
Gross KW, 394, 1167
Grossman E, 733
Gruenspan H, 951
Gupta RK, 951
Guzzetti S, III-36

Haddy FJ, 814
Hadi D, 1104
Hadrava V, 896
Hajdu MA, 308
Hajduczok G, 72
Hajj-ali AF, 504
Halbrügge T, 546
Halkin H, 565
Hall WD, II-102
Hamet P, 896
Hamlyn JM, 923, 930, 936, 944
Hanazuka M, 806
Hansen-Smith F, 902
Harrington J, II-16
Harris DW, 923, 930, 936, 944
Harris AL, 91
Harshfield GA, 1156
Hart SD, 1127
Hasstedt SJ, 1
Hatton DC, 755
Hawkins CM, II-162
Hawkins M, 210
Hayakawa H, 1025
Haywood JR, 1177
He G, 378
He J, 378
Heagerty AM, 780
Heistad DD, III-7, 308, 612, 917
Herman TS, 636
Herring BP, 723
Higashimori K, 270
Hinojosa-Laborde C, 1078
Hintze TH, 745
Hirata Y, 1025
Hirsch AT, 989
Hoffman A, 733
Hoffmeier M, II-102
Holbrook M, 771
Holland KM, 989
Hollenberg NK, 510
Holzemann G, 270
Hopkins PN, 1, 969
Horan MJ, 394
Hosoda K, 1152
Hsueh WA, 469
Hughes GH, II-152
Humphreys MH, 864
Hunt SC, 1, 8, 969
Husain A, 720

Ichikawa M, 1085
Ignarro LJ, 187
Imboden H, 1111
Imbs J, 492

Imig JD, 317
Imura H, 1152
Inagami T, 161, 270
Inscho EW, 1033
Ishii M, 1057
Isoyama S, 369
Ito S, 1052
Iwai N, 161
Izzard AS, 780

Jackson B, 497
Jacob HJ, 1167
Jaiswal N, 1115
Jastrup B, 579
Jeffries WB, 63
Jennings G, III-29
Jensen G, II-35, 1003
Jimenez AE, 179
Johnson AK, 755
Johnson CS, 1052
Johnson E, III-12
Johnson HA, II-16
Johnson ML, 1097, 1104
Johnson P, II-16
Johnston CI, 497
Johnston DW , III-63
Johnston O, 771
Jones K, III-12
Jones M, II-16
Jones SY, 44, 755
Jougasaki M, 1152
Jukic D, 107
Julius S, III-12, 652, 977, 1161
Juncos LA, 1052

Kadir S, 678
Küenburg E, 15
Křen V, 242
Kajiwara N, 965
Kaldunski ML, 1018
Kamm KE, 723
Kangawa K, 1025
Kannel W, 22
Karatzas NB, 579
Katori M, 806
Kawano Y, 28
Keen CL, 793
Keiser HR, 733
Khosla MC, 131, 1111, 1115, 1135
Klauser R, 15
Kline RL, 54
Klotman PE, 678
Kobayashi F, 965
Kobayashi K, 1192
Kohara K, 131
Kohli JD, 700
Kolbasa KP, 936
Kong J, 349
Korsgaard N, 626
Kostis JB, II-123
Kotchen TA, 349
Krause L, III-12, 652, 1161
Kruppa U, 896
Kuchel O, 997
Kuller L, II-162
Kumagai H, 1085
Kuneš J, 242
Kurtz TW, 242
Kurumatani H, 965
Kushiro T, 965

Labarthe DR, II-62
LaBaw F, II-62
Lacolley PJ, 881
Lacy CR, II-62
Lakatos E, II-2, II-62
Lalouel J, 8
Lambert G, III-29
Lambert M, 678
Landsberg L, 669
Langford HG, 210
Laniado-Schwartzman M, 776
Laréal MC, 296
Laragh JH, 225, 951
Lebeau R, II-22
Lee RMKW, 141, 526
Lee M, II-35, II-123
Lee JY, 1197
Leer J, 579
Leitschuh M, 22
Lever AF, 626
Levin J, II-16
Levy BI, 534
Lewis SJ, 881
Li T, 1010
Li Y, 1161
Lifton RP, 8
Lin L, 517
Lindpaintner K, 843
Liu KL, 296
Lohmeier TE, 278
Lombard JH, 902, 1185
Lombardi F, III-36
Lopez JAG, 331, III-7
Loud AV, 745
Lougee L, 902
Ludens JH, 923, 930, 936, 944
Ludwig J, 546
Luhr JC, II-152
Lusky A, 565
Lynch KR, 263

MacGregor GA, 798
MacPherson F, 626
Mügge A, 331
Müller FB, 225
Maheswaran R, 787
Majima M, 806
Malliani A, III-36
Mancia G, III-1, III-50, III-56
Mandel F, 923, 930
Manger WM, 1063
Marchetta F, 579
Marco EJ, 334
Mark AL, III-43
Markandu ND, 798
Martinez-Maldonado M, 707
Mascioli S, II-62
Mathews WR, 923, 930
Mathias CJ, III-69
Matsukawa T, 1057
Matsumura K, 1192
Matsumura Y, 1085
Matsuo H, 1025
Matsuoka H, 1025
Mayhan WG, 612
McArdle S, 63
McDonald RH, II-77
McDowell TS, 72
McEwen BS, 485
McGarvey ST, 218
McGiff JC, 776
McGrath JC, 626
McKenzie R, 141
McLennan GP, 54
McNay JL, 700
Melby JC, 771
Menè P, 151
Mercer PF, 54
Metzler G, 793
Michaels RS, 636
Michel B, 492
Mikami R, 806
Miller MA, 798
Miller S, II-24
Mistry M, 517
Mitsuhashi T, 234
Miyajima E, 1057
Mizogami S, 806
Mo P, 378
Mockrin SC, 394
Modan M, 565
Mohsin SSJ, 806
Montani B, 1111
Moore TJ, 340, 510, 958
Morgan T, 804
Morgan K, 340
Moyé LA , II-152
Muirhead EE, 1092
Mukoyama M, 1152
Mullins J, 843
Mulvany MJ, 626
Mungas D, II-152
Murphy MB, 700
Myers MM, 485

Nadeau R, II-22
Nakamura T, 875
Nakano T, 806
Nakao K, 1152
Nakao Y, 806
Nantel F, 480
Nasjletti A, 517
Natali A, 170
Natsume T, 234
Navar LG, 1033
Nazzaro P, III-12
Nichola PS, 636
Nolen TM, 636
Nushiro N, 1052

Oberman A, 210
O'Brien JE , II-102
Ochoa M, 745
Ogawa Y, 1152
O'Hagan KP, 357
Oh-ishi S, 806
Ohman LE, 1177
Okamura R, 806
Olsson G, 579
Omboni S, III-50
Ondetti MA, 589
Oparil S, 363
Osada H, 965
Otsuka Y, 965

Pace S, II-102
Pagani M, III-36
Page L, II-2, II-102
Palombo C, 170
Papanek PE, 763
Parati G, III-50, III-56
Parker DR, 669
Passmore JC, 179
Patel MB, 745
Pauletto P, III-75
Pawloski CM, 1177
Peach MJ, 263, 720
Pecker MS, 225
Perron M, II-152
Perry HM, II-2
Perry PA, 603
Pessina AC, III-75
Peters J, 843
Petrovich M, II-22
Petrovitch H, II-16
Pettinger WA, 63
Pickering TG, 225, 826
Poitevin P, 534
Poston L, 619
Pouysségur J, 8
Prager R, 15
Pravenec M, 242
Pressel S, II-24, II-77
Prewitt RL, 875
Price TR, II-152
Prineas R, II-123
Probstfield JL, II-2, II-16
Pugliese F, 151
Pulliam DA, 1156

Ragnarsson J, 579
Raij L, 909, 1045
Raines J, II-123
Rajfer SI, 700
Ramirez AJ, 334
Ravogli A, III-50
Reaven GM, 386
Regoli D, 107, 480
Resnick LM, 951
Rhaleb NE, 107, 480
Richards AM, 643
Roberts AM, 179
Robertson SC, 1173
Robitaille N, 579
Rocchini AP, 837
Roddy M, 989
Roman RJ, 1018, 1038
Rosner B, 218
Rouissi N, 107, 480
Rouissi S, 107
Ryuzaki M, 1085

Sacerdoti D, 776
Safar ME, 534
Saito Y, 1152
Salisbury R, 1104
Sanchez RA, 334
Santoro D, 170
Saruta T, 1085
Sarzani R, 888
Sassard J, 296
Sato F, 369
Satoh K, 965
Scannapieco G, III-75
Schernthaner G, 15
Schmid-Schönbein GW, 323
Schnack C, 15
Schnaper H, II-62
Schneider KA , II-102
Schork N, III-12, 652, 977
Schron E, II-24, II-152
Scicli AG, 101, 242
Scicli G, 1038
Seals DR, 36
Seiffge D, 323
Serr C, 203
Share L, 1092
Shechtman O, 763
Sheffield T, II-123
Shekelle RB , II-152
Shen K, 323
Sheu W-H, 386
Shigetomi S, 997
Shionoiri H, 1057
Shirakami G, 1152

Shockley TR, 1167
Shultz PJ, 909
Sigmund CD, 1167
Silver PJ, 91
Simchon S, 1063
Simonet L, 242
Simonson MS, 856
Singer DRJ, 798
Sinkey CA, III-43
Sivertsson R, 661
Smeda JS, 526
Smith SR, 678
Smith W, II-2
Spalvins A, 340
Sparrow D, 669
Spielman WS, 117
Staessen J, 574
Stamler J, II-24, II-102, 553
Stamler R, 553
Stekiel WJ, 1185
Stephenson SH, 1, 969
Stier CT Jr, 517
Stremel RW, 179
Stull JT, 723
Sudo RT, 28
Suga S, 1152
Sugars C, II-16
Sugden AL, 798
Sugimoto T, 1025
Surath H, II-77
Sutter DM, 923
Suurküla MB, 661
Suzuki H, 1085
Suzuki E, 1025
Svetkey LP, 678
Swislocki ALM, 386
Sybertz EJ, 643

Télémaque S, 107
Takishima T, 369
Tallant EA, 1115, 1135
Talman WT, 1173
Tanabe S, 80
Tang Y, 378
Tavazzi L, III-1
Taylor D, 349, 1161
Taylor DG Jr, 720
Tell GS, 378
Textor SC, 982
Thijs L, 574
Thomas GD, 357
Timmermans PBMWM, 720, 1127
Toba K, 1092
Tobian L, 1197
Tochikubo O, 1057
Tolins JP, 909, 1045
Tominaga M, 1192
Tomiyama H, 965
Torretti BA, 203
Trachtman H, 194
Trazzi S, III-50
Tremblay J, 896
Triggle CR, 141
Troisi RJ, 669
Tsoporis J, 141
Tsuchihashi T, 1192
Tuomilehto J, 579
Turner ST, 982
Turner ME, 1097, 1104

Uryu H, 806

Valderrama E, 194
Valentin J, 864
Valkova L, 579
van Bergen P, 763
Vincent M, 296
Visser W, 1072
Vogt TM, II-24
Volkmann R, 1003

Wallenburg HCS, 1072
Wang J, 745
Warnold I, 579
Wassertheil-Smoller S, 210, II-24
Webb RC, 603
Weder AB, 203, 652, 958, 977
Weiler PG, II-152
Weinberger MH, 958
Weiss ST, 669
Welsch C, 492
Wesseling H, 579
West JE, 225
Wiedemann E, 864
Wikstrand J, 579, 661
Willett WC, 218
Williams RR, 1, 8, 969
Williams GH, 510
Wilson VG, 626
Wittes J, II-162
Wolfson P, 636
Wombolt DG, 636
Wong PC, 1127
Woolfson RG, 619
Wright JC, II-77
Wyss JM, 363

Xie P, 72

Yaginuma T, 234
Yamada Y, 1057
Yamaguchi T, 101
Yandle TG, 643
Yang HM, 278
Yang S, 612
Yang M, 541
Yasue H, 1152
Yongue BG, 485
Yoshida Y, 1057
Young JB, 669

Zambraski EJ, 357
Zanchetti A, III-56
Zeballos GA, 745
Zemva A, III-12
Zimmerman BG, 504, 1010
Zimmermann F, 843
Zinner SH 218
Zucker IH, 745
Zusman R, 636
Zweifach BW, 323
Zweifler AJ, 203

Subject Index

Volume 17 January–June 1991

A

Acetylcholine
Effect of N^G-Monomethyl L-Arginine on Endothelium-Dependent Relaxation in Arterioles of One-Kidney, One Clip Hypertensive Rats, 875
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052

Adenosine
Adenosine Receptors and Signaling in the Kidney, 117

Adrenal glands
Antihypertensive Effects of an Aromatase Inhibitor in Inbred Salt-Sensitive Rats, 771

Adrenergic receptors
Adrenergic Stimulation of Renal Prostanoids in the Lyon Hypertensive Rat, 296
β-Adrenergic–Induced Local Angiotensin Generation in the Rabbit Hind Limb Is Dependent on the Kidney, 1010
Raynaud's Phenomenon: An Update, 593
Significance of Vascular Renin for Local Generation of Angiotensins, 270

Aging
Aging Escalates Baroreceptor Reflex Suppression by the Posterior Hypothalamus in Rats, 80
Effect of Age on Coronary Circulation After Imposition of Pressure-Overload in Rats, 369
Salt Blocks the Renal Benefits of Ramipril in Diabetic Hypertensive Rats, 497

Albuminuria
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197

Alcohol
High Blood Pressure Due to Alcohol: A Rapidly Reversible Effect, 787

Aldosterone
Hemodynamic and Hormonal Effects of Neutral Endopeptidase Inhibitor SCH 39370 in Sheep, 643
Muscle Sympathetic Nerve Activity in Renovascular Hypertension and Primary Aldosteronism, 1057
Renal and Endocrine Responses to a Renin Inhibitor, Enalkiren, in Normal Humans, 510

Aldosteronism
Muscle Sympathetic Nerve Activity in Renovascular Hypertension and Primary Aldosteronism, 1057

Allopurinol
Nephrotoxicity of Allopurinol Is Enhanced in Experimental Hypertension, 194

Ambulatory blood pressure monitoring
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50

Amiloride
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203

Amino acids
Effects of Amino Acid Infusion on Renal Hemodynamics: Role of Endothelium-Derived Relaxing Factor, 1045

Androgen receptors
Androgen Receptor and the Testes Influence Hypertension in a Hybrid Rat Model, 1104

Angiotensin antagonist
Kinin Contribution to Renal Vasodilator Effect of Captopril in Rabbit, 504

Angiotensin converting enzyme
History of the Design of Captopril and Related Inhibitors of Angiotensin Converting Enzyme, 589
Significance of Vascular Renin for Local Generation of Angiotensins, 270

Angiotensin converting enzyme inhibitor
β-Adrenergic–Induced Local Angiotensin Generation in the Rabbit Hind Limb Is Dependent on the Kidney, 1010
Angiotensin-(1–7): A Member of Circulating Angiotensin Peptides, 131
Angiotensins: A Family That Grows From Within, 139
Effect of Enalapril Treatment on the Pressure–Natriuresis Curve in Spontaneously Hypertensive Rats, 54
Effects of Antihypertensive Therapy on Mechanics of Cerebral Arterioles in Rats, 308
In Vitro Tissue Potencies of Converting Enzyme Inhibitors: Prodrug Activation by Kidney Esterase, 492
Kinin Contribution to Renal Vasodilator Effect of Captopril in Rabbit, 504
Once-Daily Fosinopril in the Treatment of Hypertension, 636
Preservation of Renal Function by Angiotensin During Chronic Adrenergic Stimulation, 278
Prevention of Cold-Induced Increase in Blood Pressure of Rats by Captopril, 763
Quinapril, an Angiotensin Converting Enzyme Inhibitor, Prevents Cardiac Hypertrophy During Episodic Hypertension, 1161
Salt Blocks the Renal Benefits of Ramipril in Diabetic Hypertensive Rats, 497
Sodium Restriction in Hypertensive Patients Treated With a Converting Enzyme Inhibitor and a Thiazide, 798

Angiotensin II
Angiotensin II Causes Vascular Hypertrophy in Part by a Non-pressor Mechanism, 626
Antihypertensive Action of Medullipin I Given by Mouth, 1092
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038
Functional Interactions Between Angiotensin II and Substance P in the Dorsal Medulla, 1121
Identification and Regulation of Angiotensin II Receptor Subtypes on NG108-15 Cells, 1135
Muscle Sympathetic Nerve Activity in Renovascular Hypertension and Primary Aldosteronism, 1057
Preservation of Renal Function by Angiotensin During Chronic Adrenergic Stimulation, 278

Angiotensin receptors
Effect of Angiotensin II Antagonism on Canine Renal Sympathetic Nerve Function, 1127
Identification and Regulation of Angiotensin II Receptor Subtypes on NG108-15 Cells, 1135
Subtype 2 Angiotensin Receptors Mediate Prostaglandin Synthesis in Human Astrocytes, 1115

Angiotensinogen
Molecular Biology of Angiotensinogen, 263

Angiotensins
Angiotensin-(1–7): A Member of Circulating Angiotensin Peptides, 131
Angiotensins: A Family That Grows From Within, 139
Neurophysiological Responses to Angiotensin-(1–7), 1111
Renal and Endocrine Responses to a Renin Inhibitor, Enalkiren, in Normal Humans, 510
Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349

Animals, newborn
Chemical Sympathectomy Alters the Development of Hypertension in Miniature Swine, 357

Anthropometry
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969
Antihypertensive agents
Antihypertensive Action of Medullipin I Given by Mouth, 1092
Effect of Angiotensin II Antagonism on Canine Renal Sympathetic Nerve Function, 1127
Effect of Drug and Diet Treatment of Mild Hypertension on Diastolic Blood Pressure, 210
Effects of Antihypertensive Therapy on Mechanics of Cerebral Arterioles in Rats, 308
Interaction of Pharmacological and Nonpharmacological Therapy, 804
Metabolic Effects of Isradipine Versus Hydrochlorothiazide in Diabetes Mellitus, 15
Metoprolol Versus Thiazide Diuretics in Hypertension: Morbidity Results From the MAPHY Study, 579
Obesity, Glucose Intolerance, Hyperinsulinemia, and Response to Antihypertensive Drugs, 565
Prevention of Hypertension and Vascular Changes by Captopril Treatment, 141
Sir Horace Smirk: Pioneer in Drug Treatment of Hypertension, 247
Aorta
Effects of an Endogenous Ouabainlike Compound on Heart and Aorta, 944
Hypertension-Induced Changes of Platelet-Derived Growth Factor Receptor Expression in Rat Aorta and Heart, 888
Apolipoproteins
High Density Lipoprotein Turnover in Patients With Hypertension, 386
Arachidonic acids
Chronic Treatment With Tin Normalizes Blood Pressure in Spontaneously Hypertensive Rats, 776
Aromatase
Antihypertensive Effects of an Aromatase Inhibitor in Inbred Salt-Sensitive Rats, 771
Arteries
Effect of Hydralazine on the Mesenteric Vasculature of Hypertensive Rats, 526
Effects of Antihypertensive Therapy on Mechanics of Cerebral Arterioles in Rats, 308
Effects of α_1-Blockade on Arterial Compliance in Normotensive and Hypertensive Rats, 534
Endothelium-Dependent Responses of Cerebral Blood Vessels During Chronic Hypertension, 612
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052
Juxtamedullary Afferent Arteriolar Responses to P_1 and P_2 Purinergic Stimulation, 1033
Small Artery Resistance Increases During the Development of Renal Hypertension, 317
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902
Astrocytes
Subtype 2 Angiotensin Receptors Mediate Prostaglandin Synthesis in Human Astrocytes, 1115
Atherosclerosis
Hemodynamic and Hormonal Effects of Neutral Endopeptidase Inhibitor SCH 39370 in Sheep, 643
Hemodynamic Determinants of Vascular Changes in Hypertension and Atherosclerosis, III-7
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793
Sympathetic Drive and Vascular Damage in Hypertension and Atherosclerosis, III-75
Atrial natriuretic peptides
Atrial Natriuretic Factor Receptor Subtypes in the Rat Central Nervous System, 1144
Expression of Brain Natriuretic Peptide Gene in Human Heart: Production in the Ventricle, 1152
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Role of Endogenous Atrial Natriuretic Peptide in Regulating Sodium Excretion in Spontaneously Hypertensive Rats: Effects of Neutral Endopeptidase Inhibition, 1025
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085
AU-rich sequence
Expression of Brain Natriuretic Peptide Gene in Human Heart: Production in the Ventricle, 1152
Auscultation
Characterization of Auscultatory Gaps With Wideband External Pulse Recording, 225
Sympathetic Neural Adjustments to Stress in Physically Trained and Untrained Humans, 36
Autonomic nervous system
Lateral Parabrachial Nucleus and Angiotensin II–Induced Hypertension, 1177
Autoradiography
Atrial Natriuretic Factor Receptor Subtypes in the Rat Central Nervous System, 1144
Autoregulation
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078

B

Baroreceptors
Aging Escalates Baroreceptor Reflex Suppression by the Posterior Hypothalamus in Rats, 80
Carotid Baroreceptor Function in Dogs With Chronic Norepinephrine Infusion, 745
High NaCl Diet Enhances Arterial Baroreceptor Reflex in NaCl-Sensitive Spontaneously Hypertensive Rats, 363
Mental Stress Increases Sympathetic Nerve Activity During Sustained Baroreceptor Stimulation in Humans, III-43
Nicotine Impairs Reflex Renal Nerve and Respiratory Activity in Deoxycorticosterone Acetate–Salt Rats, 179
Rapid Baroreceptor Resetting in Chronic Hypertension: Implications for Normalization of Arterial Pressure, 72
Rapid Baroreceptor Resetting in Dahl Salt-Sensitive Rats, 541
Sodium Depresses Arterial Baroreceptor Reflex Function in Normotensive Humans, 989
Blood flow
Augmentation of Endothelium-Independent Flow Constriction in Pial Arteries at High Intravascular Pressures, 870
Effects of Amino Acid Infusion on Renal Hemodynamics: Role of Endothelium-Derived Relaxing Factor, 1045
My Forty-Three Years With In Situ Small and Large Blood Vessels, 814
Blood platelets
Do Leukocytes Have a Role in Hypertension?, 331
Blood pressure
A Prospective Study of Sodium-Lithium Countertransport and Hypertension in Utah, 1
Aging Escalates Baroreceptor Reflex Suppression by the Posterior Hypothalamus in Rats, 80
Augmentation of Endothelium-Independent Flow Constriction in Pial Arteries at High Intravascular Pressures, 870
Biochemical Evidence of Sympathetic Hyperactivity in Human Hypertension, III-29
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078
Effect of Enalapril Treatment on the Pressure–Natriuresis Curve in Spontaneously Hypertensive Rats, 54
Effect of Stress on Diagnosis of Hypertension, III-56
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
Hemodynamic and Hormonal Effects of Neutral Endopeptidase Inhibitor SCH 39370 in Sheep, 643
High Blood Pressure Due to Alcohol: A Rapidly Reversible Effect, 787

High Density Lipoprotein Turnover in Patients With Hypertension, 386
High-Normal Blood Pressure Progression to Hypertension in the Framingham Heart Study, 22
Lateral Parabrachial Nucleus and Angiotensin II–Induced Hypertension, 1177
Management of Hypertension by Reduction in Sympathetic Activity, III-69
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50
Nucleus Prepositus Hypoglossi: A Medullary Pressor Region, 1173
Patterns of Sodium Excretion During Sympathetic Nervous System Arousal, 1156
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969
Prevention of Cold-Induced Increase in Blood Pressure of Rats by Captopril, 763
Prognostic Significance of Exercise Versus Resting Blood Pressure in Hypertensive Men, 574
Protein Kinase Inhibitors and Blood Pressure Control in Spontaneously Hypertensive Rats, 91
Rapid Baroreceptor Resetting in Chronic Hypertension: Implications for Normalization of Arterial Pressure, 72
Rapid Baroreceptor Resetting in Dahl Salt-Sensitive Rats, 541
Relation of Electrolytes to Blood Pressure in Men: The Yi People Study, 378
Role of Sympathetic Activity in Blood Pressure Reduction With Low Calorie Regimen, 965
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085
Salt Loads Raise Plasma Fatty Acids and Lower Insulin, 958
Spectral Analysis to Assess Increased Sympathetic Tone in Arterial Hypertension, III-36
Transgenic Animals: New Approaches to Hypertension Research, 394

Blood pressure determination
Characterization of Auscultatory Gaps With Wideband External Pulse Recording, 225
Effect of Stress on Diagnosis of Hypertension, III-56

Blood vessels
My Forty-Three Years With In Situ Small and Large Blood Vessels, 814

Blood volume
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078
Dual Hemodynamic Mechanisms for Salt-Induced Hypertension in Dahl Salt-Sensitive Rats, 1063

Body fat distribution
Relation of Obesity and Diet to Sympathetic Nervous System Activity, 669

Body weight
Body Weight Is More Important Than Family History of Hypertension For Left Ventricular Function, 661

Borderline hypertension
Abnormal Cardiovascular Reactivity in Borderline and Mild Essential Hypertension, III-22
Dopaminergic Abnormalities in Borderline Essential Hypertensive Patients, 997
Endothelium-Dependent Responses of Cerebral Blood Vessels During Chronic Hypertension, 612
Kinin Contribution to Renal Vasodilator Effect of Captopril in Rabbit, 504
Renal Manifestations of NaCl Sensitivity in Borderline Hypertensive Rats, 44
Separate Sex-Influenced and Genetic Components in Spontaneously Hypertensive Rat Hypertension, 1097
Structure-Activity Studies of Bradykinin and Related Peptides: B_2-Receptor Antagonists, 107
Role of Anteroventral Third Ventricle and Vasopressin in Renal Response to Stress in Borderline Hypertensive Rats, 755

Bradykinin
Effect of N^G-Monomethyl L-Arginine on Endothelium-Dependent Relaxation in Arterioles of One-Kidney, One Clip Hypertensive Rats, 875

Brain
Atrial Natriuretic Factor Receptor Subtypes in the Rat Central Nervous System, 1144
Biochemical Evidence of Sympathetic Hyperactivity in Human Hypertension, III-29
Functional Interactions Between Angiotensin II and Substance P in the Dorsal Medulla, 1121

C

Calcium
Adenosine Receptors and Signaling in the Kidney, 117
Calcium and Prostaglandin E_2 in Renomedullary Interstitial Cells, 303
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
G Protein–Mediated Ion Channel Activation, 684
Identification and Regulation of Angiotensin II Receptor Subtypes on NG108-15 Cells, 1135
Maternal Prenatal Dietary Potassium, Calcium, Magnesium, and Infant Blood Pressure, 218
Reduced Calcium Sensitivity of Dihydropyridine Binding to Calcium Channels in Spontaneously Hypertensive Rats, 234
Relation of Electrolytes to Blood Pressure in Men: The Yi People Study, 378
Subtype 2 Angiotensin Receptors Mediate Prostaglandin Synthesis in Human Astrocytes, 1115

Calcium channel blockers
Metabolic Effects of Isradipine Versus Hydrochlorothiazide in Diabetes Mellitus, 15
Raynaud's Phenomenon: An Update, 593
Reduced Calcium Sensitivity of Dihydropyridine Binding to Calcium Channels in Spontaneously Hypertensive Rats, 234

Calmodulin
Isolation of Preferentially Expressed Genes in the Kidneys of Hypertensive Rats, 161
Prevention of Cold-Induced Increase in Blood Pressure of Rats by Captopril, 763
Vascular Smooth Muscle Contractile Elements: Cellular Regulation, 723

Capillaries
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902

Capillary permeability
Modulation of Endothelin Effects on Blood Pressure and Hematocrit by Atrial Natriuretic Peptide, 864

Captopril
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038
History of the Design of Captopril and Related Inhibitors of Angiotensin Converting Enzyme, 589
Kinin Contribution to Renal Vasodilator Effect of Captopril in Rabbit, 504
Prevention of Hypertension and Vascular Changes by Captopril Treatment, 141

Cardiac glycosides
Development of an Immunoassay for Endogenous Digitalislike Factor, 936

Cardiac output
Abnormal Cardiovascular Reactivity in Borderline and Mild Essential Hypertension, III-22
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078
Dual Hemodynamic Mechanisms for Salt-Induced Hypertension in Dahl Salt-Sensitive Rats, 1063

Cardiotonic agents
Effects of an Endogenous Ouabainlike Compound on Heart and Aorta, 944

Cardiovascular diseases
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793
Stress Management in the Treatment of Mild Primary Hypertension, III-63
Cardiovascular events
Metoprolol Versus Thiazide Diuretics in Hypertension: Morbidity Results From the MAPHY Study, 579
Prognostic Significance of Exercise Versus Resting Blood Pressure in Hypertensive Men, 574
Carotid sinus
Rapid Baroreceptor Resetting in Chronic Hypertension: Implications for Normalization of Arterial Pressure, 72
Catecholamines
Abnormal Cardiovascular Reactivity in Borderline and Mild Essential Hypertension, III-22
Central Effect of Endothelin on Neurohormonal Responses in Conscious Rabbits, 1192
Chemical Sympathectomy Alters the Development of Hypertension in Miniature Swine, 357
Diagnosis of Pheochromocytoma: Reflections on a Controversy, 742
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
Independence of Pressure Reactivity From Pressure Levels in Tecumseh, Michigan, III-12
Prevention of Hypertension and Vascular Changes by Captopril Treatment, 141
Red Blood Cell Lithium-Sodium Countertransport in the Tecumseh Blood Pressure Study, 652
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Sympathetic Drive and Vascular Damage in Hypertension and Atherosclerosis, III-75
Central nervous system
Central Effect of Endothelin on Neurohormonal Responses in Conscious Rabbits, 1192
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
Nucleus Prepositus Hypoglossi: A Medullary Pressor Region, 1173
Central venous pressure
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Cerebral aqueduct
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197
Cerebral arteries
Augmentation of Endothelium-Independent Flow Constriction in Pial Arteries at High Intravascular Pressures, 870
Ceruloplasmin
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793
CGP 42112A
Identification and Regulation of Angiotensin II Receptor Subtypes on NG108-15 Cells, 1135
Chloride
Enhanced Chloride Reabsorption in the Loop of Henle in Dahl Salt-Sensitive Rats, 1018
Cholesterol
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203
Choroid plexus
Regulation of Cerebral Blood Vessels by Humoral and Endothelium-Dependent Mechanisms: Update on Humoral Regulation of Vascular Tone, 917
Chronic hypertension
Rapid Baroreceptor Resetting in Chronic Hypertension: Implications for Normalization of Arterial Pressure, 72
Regulation of Cerebral Blood Vessels by Humoral and Endothelium-Dependent Mechanisms: Update on Humoral Regulation of Vascular Tone, 917
Clinical trials
Metoprolol Versus Thiazide Diuretics in Hypertension: Morbidity Results From the MAPHY Study, 579
Why Do Lean Hypertensives Have Higher Mortality Rates Than Other Hypertensives? Findings of the Hypertension Detection and Follow-up Program, 553
Clonidine
Diagnosis of Pheochromocytoma: Reflections on a Controversy, 742
Glucagon and Clonidine Testing in the Diagnosis of Pheochromocytoma, 733
Cocaine
Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349
Cold pressor test
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50
Sympathetic Neural Adjustments to Stress in Physically Trained and Untrained Humans, 36
Cold-induced hypertension
Prevention of Cold-Induced Increase in Blood Pressure of Rats by Captopril, 763
Compliance
Carotid Baroreceptor Function in Dogs With Chronic Norepinephrine Infusion, 745
Effects of α_1-Blockade on Arterial Compliance in Normotensive and Hypertensive Rats, 534
Sodium Depresses Arterial Baroreceptor Reflex Function in Normotensive Humans, 989
Constriction
Augmentation of Endothelium-Independent Flow Constriction in Pial Arteries at High Intravascular Pressures, 870
Contact inhibition
Transforming Growth Factor β_1 Expression and Effect in Aortic Smooth Muscle Cells From Spontaneously Hypertensive Rats, 896
Contractile proteins
A Potent Vasoconstrictor in the Rat Submandibular Gland, 101
Vascular Smooth Muscle Contractile Elements: Cellular Regulation, 723
Copper
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793
Coronary circulation
Effect of Age on Coronary Circulation After Imposition of Pressure-Overload in Rats, 369
Corticosterone
Antihypertensive Effects of an Aromatase Inhibitor in Inbred Salt-Sensitive Rats, 771
Cyclic AMP
Adenosine Receptors and Signaling in the Kidney, 117
Cyclic GMP
Hemodynamic and Hormonal Effects of Neutral Endopeptidase Inhibitor SCH 39370 in Sheep, 643
Cytochrome P450
Chronic Treatment With Tin Normalizes Blood Pressure in Spontaneously Hypertensive Rats, 776
Isolation of Preferentially Expressed Genes in the Kidneys of Hypertensive Rats, 161

D

Dahl rats
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197
Enhanced Chloride Reabsorption in the Loop of Henle in Dahl Salt-Sensitive Rats, 1018
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793
Isolation of Preferentially Expressed Genes in the Kidneys of Hypertensive Rats, 161
Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349

Deoxycorticosterone
Antihypertensive Effects of an Aromatase Inhibitor in Inbred Salt-Sensitive Rats, 771
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197
Nicotine Impairs Reflex Renal Nerve and Respiratory Activity in Deoxycorticosterone Acetate–Salt Rats, 179
Role of Prostanoids in Renin-Dependent and Renin-Independent Hypertension, 517
Suppression of Rat Deoxycorticosterone-Salt Hypertension by Kallikrein-Kinin System, 806
Vasopressin Response in Collecting Ducts of Rats Resistant to Mineralocorticoid Hypertension, 63

Desipramine
Metabolic Effects of Isradipine Versus Hydrochlorothiazide in Diabetes Mellitus, 15
Plasma Norepinephrine and Dihydroxyphenylglycol in Essential Hypertension, 546
Salt Blocks the Renal Benefits of Ramipril in Diabetic Hypertensive Rats, 497

Diabetes
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
Insulin Resistance and Blood Pressure Regulation in Obese and Nonobese Subjects: Special Lecture, 837

Diet
Effect of Drug and Diet Treatment of Mild Hypertension on Diastolic Blood Pressure, 210
Maternal Prenatal Dietary Potassium, Calcium, Magnesium, and Infant Blood Pressure, 218
Relation of Obesity and Diet to Sympathetic Nervous System Activity, 669
Role of Sympathetic Activity in Blood Pressure Reduction With Low Calorie Regimen, 965

Diet, sodium-restricted
Interaction of Pharmacological and Nonpharmacological Therapy, 804
Sodium Restriction in Hypertensive Patients Treated With a Converting Enzyme Inhibitor and a Thiazide, 798

Digitalislike factors
Development of an Immunoassay for Endogenous Digitalislike Factor, 936
Mass Spectral Characterization of an Endogenous Digitalislike Factor From Human Plasma, 930
Purification of an Endogenous Digitalislike Factor From Human Plasma for Structural Analysis, 923

Dihydropyridines
Reduced Calcium Sensitivity of Dihydropyridine Binding to Calcium Channels in Spontaneously Hypertensive Rats, 234

Dihydroxyphenylglycol
Glucagon and Clonidine Testing in the Diagnosis of Pheochromocytoma, 733
Plasma Norepinephrine and Dihydroxyphenylglycol in Essential Hypertension, 546

Diltiazem
Renal Hemodynamic Effects of Calcium Antagonists in Rats With Reduced Renal Mass, 288

Diuretics
Metabolic Effects of Isradipine Versus Hydrochlorothiazide in Diabetes Mellitus, 15
Metoprolol Versus Thiazide Diuretics in Hypertension: Morbidity Results From the MAPHY Study, 579
Once-Daily Fosinopril in the Treatment of Hypertension, 636

Dog studies
Carotid Baroreceptor Function in Dogs With Chronic Norepinephrine Infusion, 745
Quinapril, an Angiotensin Converting Enzyme Inhibitor, Prevents Cardiac Hypertrophy During Episodic Hypertension, 1161

DOPA
Dopaminergic Abnormalities in Borderline Essential Hypertensive Patients, 997

Dopamine
Dopaminergic Abnormalities in Borderline Essential Hypertensive Patients, 997

Drug-resistant hypertension
Obesity, Glucose Intolerance, Hyperinsulinemia, and Response to Antihypertensive Drugs, 565

DuP 753
Identification and Regulation of Angiotensin II Receptor Subtypes on NG108-15 Cells, 1135

E

Echocardiography
Body Weight Is More Important Than Family History of Hypertension For Left Ventricular Function, 661
Quinapril, an Angiotensin Converting Enzyme Inhibitor, Prevents Cardiac Hypertrophy During Episodic Hypertension, 1161

Edema
My Forty-Three Years With In Situ Small and Large Blood Vessels, 814

Enalapril
Angiotensin-(1–7): A Member of Circulating Angiotensin Peptides, 131
Endothelium-Dependent Responses of Cerebral Blood Vessels During Chronic Hypertension, 612
Hemodynamic Determinants of Vascular Changes in Hypertension and Atherosclerosis, III-7
Recovery of Erythrocyte Na^+-K^+-Cl^- Cotransport Activity by Enalapril, 334
Shear Stress–Induced Release of Nitric Oxide From Endothelial Cells Grown on Beads, 187

Endopeptidases
Role of Endogenous Atrial Natriuretic Peptide in Regulating Sodium Excretion in Spontaneously Hypertensive Rats: Effects of Neutral Endopeptidase Inhibition, 1025

Endothelin
Central Effect of Endothelin on Neurohormonal Responses in Conscious Rabbits, 1192
Endothelins: A Family of Regulatory Peptides: State-of-the-Art Lecture, 856
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052

Endothelium
Augmentation of Endothelium-Independent Flow Constriction in Pial Arteries at High Intravascular Pressures, 870
Do Leukocytes Have a Role in Hypertension?, 331
Effect of Ouabain on Endothelium-Dependent Relaxation of Human Resistance Arteries, 619
Effects of Amino Acid Infusion on Renal Hemodynamics: Role of Endothelium-Derived Relaxing Factor, 1045
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052
Regulation of Cerebral Blood Vessels by Humoral and Endothelium-Dependent Mechanisms: Update on Humoral Regulation of Vascular Tone, 917
Role of Endothelium-Derived Relaxing Factor in Regulation of Vascular Tone and Remodeling: Update on Humoral Regulation of Vascular Tone, 909

Endothelium-derived relaxing factor
Effect of N^G-Monomethyl L-Arginine on Endothelium-Dependent Relaxation in Arterioles of One-Kidney, One Clip Hypertensive Rats, 875

Enzyme-linked immunosorbent assay
Development of an Immunoassay for Endogenous Digitalislike Factor, 936

Epidemiology
A Prospective Study of Sodium-Lithium Countertransport and Hypertension in Utah, 1
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969

Epinephrine
Glucagon and Clonidine Testing in the Diagnosis of Pheochromocytoma, 733

Subject Index 1215

Relation of Obesity and Diet to Sympathetic Nervous System Activity, 669

Epithelium
Adenosine Receptors and Signaling in the Kidney, 117

Erythrocytes
A Prospective Study of Sodium-Lithium Countertransport and Hypertension in Utah, 1
Kinetic Abnormalities of the Red Blood Cell Sodium-Proton Exchange in Hypertensive Patients, 340
Recovery of Erythrocyte Na^+-K^+-Cl^- Cotransport Activity by Enalapril, 334
Red Blood Cell Lithium-Sodium Countertransport in the Tecumseh Blood Pressure Study, 652

Essential hypertension
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
Effect of Hydralazine on the Mesenteric Vasculature of Hypertensive Rats, 526
Effect of Stress on Diagnosis of Hypertension, III-56
Effects of Antihypertensive Therapy on Mechanics of Cerebral Arterioles in Rats, 308
Exclusion of the Na^+-H^+ Antiporter As a Candidate Gene in Human Essential Hypertension, 8
Hemodynamic Determinants of Vascular Changes in Hypertension and Atherosclerosis, III-7
High Density Lipoprotein Turnover in Patients With Hypertension, 386
High-Normal Blood Pressure Progression to Hypertension in the Framingham Heart Study, 22
Hypertension-Induced Changes of Platelet-Derived Growth Factor Receptor Expression in Rat Aorta and Heart, 888
Impaired Insulin Action on Skeletal Muscle Metabolism in Essential Hypertension, 170
Interaction of Pharmacological and Nonpharmacological Therapy, 804
Intracellular pH in Human Resistance Arteries in Essential Hypertension, 780
Kidney, Salt Intake, and Na^+,K^+-ATPase Inhibitors in Hypertension: 1990 Corcoran Lecture, 830
Kinetic Abnormalities of the Red Blood Cell Sodium-Proton Exchange in Hypertensive Patients, 340
Linkage of MN Locus and Erythrocyte Lithium–Sodium Countertransport in Tecumseh, Michigan, 977
Management of Hypertension by Reduction in Sympathetic Activity, III-69
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50
Obesity, Glucose Intolerance, Hyperinsulinemia, and Response to Antihypertensive Drugs, 565
Once-Daily Fosinopril in the Treatment of Hypertension, 636
Patterns of Sodium Excretion During Sympathetic Nervous System Arousal, 1156
Plasma Norepinephrine and Dihydroxyphenylglycol in Essential Hypertension, 546
Prognostic Significance of Exercise Versus Resting Blood Pressure in Hypertensive Men, 574
Recovery of Erythrocyte Na^+-K^+-Cl^- Cotransport Activity by Enalapril, 334
Red Blood Cell Lithium-Sodium Countertransport in the Tecumseh Blood Pressure Study, 652
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Role of Sympathetic Activity in Blood Pressure Reduction With Low Calorie Regimen, 965
Sodium Depresses Arterial Baroreceptor Reflex Function in Normotensive Humans, 989
Sodium Restriction in Hypertensive Patients Treated With a Converting Enzyme Inhibitor and a Thiazide, 798
Spectral Analysis to Assess Increased Sympathetic Tone in Arterial Hypertension, III-36
Stress and Sodium Intake in Neural Control of Renal Function in Hypertension, III-2
Stress Management in the Treatment of Mild Primary Hypertension, III-63
Sympathetic Drive and Vascular Damage in Hypertension and Atherosclerosis, III-75
Transforming Growth Factor β_1 Expression and Effect in Aortic Smooth Muscle Cells From Spontaneously Hypertensive Rats, 896

Ethnic differences
Similar Prevalence of Renovascular Hypertension in Selected Blacks and Whites, 678

Exercise
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50
Prognostic Significance of Exercise Versus Resting Blood Pressure in Hypertensive Men, 574

Exercise test
Sympathetic Neural Adjustments to Stress in Physically Trained and Untrained Humans, 36

Experimental hypertension
Effect of Age on Coronary Circulation After Imposition of Pressure-Overload in Rats, 369
Nephrotoxicity of Allopurinol Is Enhanced in Experimental Hypertension, 194

Extravasation
Modulation of Endothelin Effects on Blood Pressure and Hematocrit by Atrial Natriuretic Peptide, 864

F

Family history
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969

Finger blood pressure recording
Raynaud's Phenomenon: An Update, 593

Fosinopril
Once-Daily Fosinopril in the Treatment of Hypertension, 636

G

G proteins
G Protein–Mediated Ion Channel Activation, 684

Gene expression
Expression of Brain Natriuretic Peptide Gene in Human Heart: Production in the Ventricle, 1152

Genetic hypertension
Adrenergic Stimulation of Renal Prostanoids in the Lyon Hypertensive Rat, 296
Cosegregation of Blood Pressure with a Kallikrein Gene Family Polymorphism, 242
Transgenic Rats: New Animal Models in Hypertension Research: Invited Lecture, 843

Genetic marker
Exclusion of the Na^+-H^+ Antiporter As a Candidate Gene in Human Essential Hypertension, 8

Genetics
A Prospective Study of Sodium-Lithium Countertransport and Hypertension in Utah, 1
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485
Cosegregation of Blood Pressure with a Kallikrein Gene Family Polymorphism, 242
Exclusion of the Na^+-H^+ Antiporter As a Candidate Gene in Human Essential Hypertension, 8
Linkage of MN Locus and Erythrocyte Lithium–Sodium Countertransport in Tecumseh, Michigan, 977
Molecular Biology of Angiotensinogen, 263
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Separate Sex-Influenced and Genetic Components in Spontaneously Hypertensive Rat Hypertension, 1097

Glomerular filtration rate
Effects of Amino Acid Infusion on Renal Hemodynamics: Role of Endothelium-Derived Relaxing Factor, 1045

Glomerular function
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038

Glomerular mesangium
Serotonin and the Glomerular Mesangium: Mechanisms of Intracellular Signaling, 151
Glucagon
Diagnosis of Pheochromocytoma: Reflections on a Controversy, 742
Glucagon and Clonidine Testing in the Diagnosis of Pheochromocytoma, 733
Glucocorticoids
Hemodynamic and Hormonal Effects of Neutral Endopeptidase Inhibitor SCH 39370 in Sheep, 643
Glucose
Impaired Insulin Action on Skeletal Muscle Metabolism in Essential Hypertension, 170
Metabolic Effects of Isradipine Versus Hydrochlorothiazide in Diabetes Mellitus, 15
Obesity, Glucose Intolerance, Hyperinsulinemia, and Response to Antihypertensive Drugs, 565
Glyceryl trinitrate
Endothelium-Dependent Responses of Cerebral Blood Vessels During Chronic Hypertension, 612
Granulocytes
Leukocyte Counts and Activation in Spontaneously Hypertensive and Normotensive Rats, 323
Growth
Hypertension-Induced Changes of Platelet-Derived Growth Factor Receptor Expression in Rat Aorta and Heart, 888
Growth substances
Transforming Growth Factor β_1 Expression and Effect in Aortic Smooth Muscle Cells From Spontaneously Hypertensive Rats, 896

H

Haptoglobins
Linkage of MN Locus and Erythrocyte Lithium–Sodium Countertransport in Tecumseh, Michigan, 977
Heart
G Protein–Mediated Ion Channel Activation, 684
Hypertension-Induced Changes of Platelet-Derived Growth Factor Receptor Expression in Rat Aorta and Heart, 888
Heart atrium
Effects of an Endogenous Ouabainlike Compound on Heart and Aorta, 944
Heart rate
Aging Escalates Baroreceptor Reflex Suppression by the Posterior Hypothalamus in Rats, 80
Red Blood Cell Lithium-Sodium Countertransport in the Tecumseh Blood Pressure Study, 652
Renal Hemodynamic Effects of Calcium Antagonists in Rats With Reduced Renal Mass, 288
Hemodynamics
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038
Effects of Amino Acid Infusion on Renal Hemodynamics: Role of Endothelium-Derived Relaxing Factor, 1045
High density lipoproteins
High Density Lipoprotein Turnover in Patients With Hypertension, 386
Histology
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902
Historical article
History of the Design of Captopril and Related Inhibitors of Angiotensin Converting Enzyme, 589
My Forty-Three Years With In Situ Small and Large Blood Vessels, 814
Sir Horace Smirk: Pioneer in Drug Treatment of Hypertension, 247
Hormones
Functional Interactions Between Angiotensin II and Substance P in the Dorsal Medulla, 1121
Subtype 2 Angiotensin Receptors Mediate Prostaglandin Synthesis in Human Astrocytes, 1115
Human studies
Mental Stress Increases Sympathetic Nerve Activity During Sustained Baroreceptor Stimulation in Humans, III-43
Hybridization
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485
Hydralazine
Effect of Hydralazine on the Mesenteric Vasculature of Hypertensive Rats, 526
Effects of Antihypertensive Therapy on Mechanics of Cerebral Arterioles in Rats, 538
Hydrocephalus
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197
Hydrogen ion concentration
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
Intracellular pH in Human Resistance Arteries in Essential Hypertension, 780
Hydroxydopamines
Chemical Sympathectomy Alters the Development of Hypertension in Miniature Swine, 357
Effect of Ouabain on Endothelium-Dependent Relaxation of Human Resistance Arteries, 619
Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349
Hyperinsulinism
High Density Lipoprotein Turnover in Patients With Hypertension, 386
Obesity, Glucose Intolerance, Hyperinsulinemia, and Response to Antihypertensive Drugs, 565
Hyperplasia
Renin Promoter SV40 T-Antigen Transgenic Mouse: A Model of Primary Renal Vascular Hyperplasia, 1167
Hypertrophy
Angiotensin II Causes Vascular Hypertrophy in Part by a Non-pressor Mechanism, 626
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197
Body Weight Is More Important Than Family History of Hypertension For Left Ventricular Function, 661
Carotid Baroreceptor Function in Dogs With Chronic Norepinephrine Infusion, 745
Effect of Age on Coronary Circulation After Imposition of Pressure-Overload in Rats, 369
Prevention of Cold-Induced Increase in Blood Pressure of Rats by Captopril, 763
Quinapril, an Angiotensin Converting Enzyme Inhibitor, Prevents Cardiac Hypertrophy During Episodic Hypertension, 1161
Hypothalamus
Aging Escalates Baroreceptor Reflex Suppression by the Posterior Hypothalamus in Rats, 80
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485

I

Immunoassay
Development of an Immunoassay for Endogenous Digitalislike Factor, 936
Infant blood pressure
Maternal Prenatal Dietary Potassium, Calcium, Magnesium, and Infant Blood Pressure, 218
Insulin
Impaired Insulin Action on Skeletal Muscle Metabolism in Essential Hypertension, 170
Insulin Resistance and Blood Pressure Regulation in Obese and Nonobese Subjects: Special Lecture, 837
Metabolic Effects of Isradipine Versus Hydrochlorothiazide in Diabetes Mellitus, 15

Salt Loads Raise Plasma Fatty Acids and Lower Insulin, 958
Intracellular pH
Serotonin and the Glomerular Mesangium: Mechanisms of Intracellular Signaling, 151
Ion channels
G Protein–Mediated Ion Channel Activation, 684
Reduced Calcium Sensitivity of Dihydropyridine Binding to Calcium Channels in Spontaneously Hypertensive Rats, 234
Ion exchange
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969
Iontophoresis
Neurophysiological Responses to Angiotensin-(1–7), 1111
Isometric contraction
Abnormal Cardiovascular Reactivity in Borderline and Mild Essential Hypertension, III-22
Independence of Pressure Reactivity From Pressure Levels in Tecumseh, Michigan, III-12

K

Kallikrein
Cosegregation of Blood Pressure with a Kallikrein Gene Family Polymorphism, 242
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038
Suppression of Rat Deoxycorticosterone-Salt Hypertension by Kallikrein-Kinin System, 806
Ketanserin
Serotonin and the Glomerular Mesangium: Mechanisms of Intracellular Signaling, 151
Kidney
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038
Enhanced Chloride Reabsorption in the Loop of Henle in Dahl Salt-Sensitive Rats, 1018
β-Adrenergic–Induced Local Angiotensin Generation in the Rabbit Hind Limb Is Dependent on the Kidney, 1010
Kidney, Salt Intake, and Na^+,K^+-ATPase Inhibitors in Hypertension: 1990 Corcoran Lecture, 830
Norepinephrine Overflow and Renin Pattern of the Individual Kidney in Patients With Unilateral Renal Artery Stenosis, 1003
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Role of Endogenous Atrial Natriuretic Peptide in Regulating Sodium Excretion in Spontaneously Hypertensive Rats: Effects of Neutral Endopeptidase Inhibition, 1025
Kidney failure, chronic
Renal Hemodynamic Effects of Calcium Antagonists in Rats With Reduced Renal Mass, 288
Kidney tubules
Enhanced Chloride Reabsorption in the Loop of Henle in Dahl Salt-Sensitive Rats, 1018
Kidneys
Adrenergic Stimulation of Renal Prostanoids in the Lyon Hypertensive Rat, 296
Isolation of Preferentially Expressed Genes in the Kidneys of Hypertensive Rats, 161
Renal Manifestations of NaCl Sensitivity in Borderline Hypertensive Rats, 44
Role of Anteroventral Third Ventricle and Vasopressin in Renal Response to Stress in Borderline Hypertensive Rats, 755
Vasopressin Response in Collecting Ducts of Rats Resistant to Mineralocorticoid Hypertension, 63
Kininogen-deficient rats
Suppression of Rat Deoxycorticosterone-Salt Hypertension by Kallikrein-Kinin System, 806
Kininogens
Suppression of Rat Deoxycorticosterone-Salt Hypertension by Kallikrein-Kinin System, 806
Kinins
Effect of an Angiotensin II and a Kinin Receptor Antagonist on the Renal Hemodynamic Response to Captopril, 1038
Kinin Contribution to Renal Vasodilator Effect of Captopril in Rabbit, 504
Structure-Activity Studies of Bradykinin and Related Peptides: B_2-Receptor Antagonists, 107
Suppression of Rat Deoxycorticosterone-Salt Hypertension by Kallikrein-Kinin System, 806

L

Leanness
Why Do Lean Hypertensives Have Higher Mortality Rates Than Other Hypertensives? Findings of the Hypertension Detection and Follow-up Program, 553
Leukocytes
Do Leukocytes Have a Role in Hypertension?, 331
Leukocyte Counts and Activation in Spontaneously Hypertensive and Normotensive Rats, 323
Lifestyle
Why Do Lean Hypertensives Have Higher Mortality Rates Than Other Hypertensives? Findings of the Hypertension Detection and Follow-up Program, 553
Linkage (genetics)
Linkage of MN Locus and Erythrocyte Lithium–Sodium Countertransport in Tecumseh, Michigan, 977
Lipids
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203
Lithium-sodium countertransport
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203
Red Blood Cell Lithium-Sodium Countertransport in the Tecumseh Blood Pressure Study, 652
Lovastatin
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203
Luciferin
Isolation of Preferentially Expressed Genes in the Kidneys of Hypertensive Rats, 161
Lymphocytes
Leukocyte Counts and Activation in Spontaneously Hypertensive and Normotensive Rats, 323

M

Magnesium
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
Maternal Prenatal Dietary Potassium, Calcium, Magnesium, and Infant Blood Pressure, 218
Relation of Electrolytes to Blood Pressure in Men: The Yi People Study, 378
Mechanoreceptors
Shear Stress–Induced Release of Nitric Oxide From Endothelial Cells Grown on Beads, 187
Medullipin
Antihypertensive Action of Medullipin I Given by Mouth, 1092
Membrane potentials
Serotonin and the Glomerular Mesangium: Mechanisms of Intracellular Signaling, 151
Sympathetic Neural Control of Vascular Muscle in Reduced Renal Mass Hypertension, 1185
Membranes
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203
Mental arithmetic test
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50
Mental stress
Mental Stress Increases Sympathetic Nerve Activity During Sustained Baroreceptor Stimulation in Humans, III-43
Mesenteric arteries
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078
Effect of Hydralazine on the Mesenteric Vasculature of Hypertensive Rats, 526

Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349

Metoprolol
Metoprolol Versus Thiazide Diuretics in Hypertension: Morbidity Results From the MAPHY Study, 579

Microcirculation
Effect of N^G-Monomethyl L-Arginine on Endothelium-Dependent Relaxation in Arterioles of One-Kidney, One Clip Hypertensive Rats, 875
Regulation of Cerebral Blood Vessels by Humoral and Endothelium-Dependent Mechanisms: Update on Humoral Regulation of Vascular Tone, 917
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902
Sympathetic Neural Control of Vascular Muscle in Reduced Renal Mass Hypertension, 1185

Microneurography
Mental Stress Increases Sympathetic Nerve Activity During Sustained Baroreceptor Stimulation in Humans, III-43

Microspheres
Dual Hemodynamic Mechanisms for Salt-Induced Hypertension in Dahl Salt-Sensitive Rats, 1063

Mild hypertension
Effect of Drug and Diet Treatment of Mild Hypertension on Diastolic Blood Pressure, 210

Mineralocorticoid hypertension
Nicotine Impairs Reflex Renal Nerve and Respiratory Activity in Deoxycorticosterone Acetate–Salt Rats, 179
Vasopressin Response in Collecting Ducts of Rats Resistant to Mineralocorticoid Hypertension, 63

Minoxidil
Quinapril, an Angiotensin Converting Enzyme Inhibitor, Prevents Cardiac Hypertrophy During Episodic Hypertension, 1161

Mitogens
Angiotensin II Causes Vascular Hypertrophy in Part by a Non-pressor Mechanism, 626

Molecular biology
Molecular Biology of Angiotensinogen, 263
Transgenic Animals: New Approaches to Hypertension Research, 394

Monocytes
Leukocyte Counts and Activation in Spontaneously Hypertensive and Normotensive Rats, 323

N^G-Monomethyl L-arginine
Effect of Ouabain on Endothelium-Dependent Relaxation of Human Resistance Arteries, 619

Mortality
Prognostic Significance of Exercise Versus Resting Blood Pressure in Hypertensive Men, 574
Why Do Lean Hypertensives Have Higher Mortality Rates Than Other Hypertensives? Findings of the Hypertension Detection and Follow-up Program, 553

Myogenic tone
Augmentation of Endothelium-Independent Flow Constriction in Pial Arteries at High Intravascular Pressures, 870

Myosin
Vascular Smooth Muscle Contractile Elements: Cellular Regulation, 723

Myosin light chain kinase
Protein Kinase Inhibitors and Blood Pressure Control in Spontaneously Hypertensive Rats, 91
Vascular Smooth Muscle Contractile Elements: Cellular Regulation, 723

N

Nailfold capillaroscopy
Raynaud's Phenomenon: An Update, 593

Natriuresis
Dopaminergic Abnormalities in Borderline Essential Hypertensive Patients, 997

Neomycin
Calcium and Prostaglandin E_2 in Renomedullary Interstitial Cells, 303

Nephrectomy
β-Adrenergic–Induced Local Angiotensin Generation in the Rabbit Hind Limb Is Dependent on the Kidney, 1010
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085

Nephrotoxicity
Nephrotoxicity of Allopurinol Is Enhanced in Experimental Hypertension, 194

Neuroblastoma
Identification and Regulation of Angiotensin II Receptor Subtypes on NG108-15 Cells, 1135

Neurogenic hypertension
Nucleus Prepositus Hypoglossi: A Medullary Pressor Region, 1173

Neutrophils
Do Leukocytes Have a Role in Hypertension?, 331

Nicotine
Endothelium-Dependent Responses of Cerebral Blood Vessels During Chronic Hypertension, 612
Nicotine Impairs Reflex Renal Nerve and Respiratory Activity in Deoxycorticosterone Acetate–Salt Rats, 179
Shear Stress–Induced Release of Nitric Oxide From Endothelial Cells Grown on Beads, 187

Nitric oxide
Effect of N^G-Monomethyl L-Arginine on Endothelium-Dependent Relaxation in Arterioles of One-Kidney, One Clip Hypertensive Rats, 875
Effects of Amino Acid Infusion on Renal Hemodynamics: Role of Endothelium-Derived Relaxing Factor, 1045
Regulation of Cerebral Blood Vessels by Humoral and Endothelium-Dependent Mechanisms: Update on Humoral Regulation of Vascular Tone, 917
Role of Endothelium-Derived Relaxing Factor in Regulation of Vascular Tone and Remodeling: Update on Humoral Regu
Role of Sympathetic Nerve Activity in the Generation of Vascular Nitric Oxide in Urethane-Anesthetized Rats, 881
lation of Vascular Tone, 909

N^ω-Nitro L-arginine
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052

Nonpharmacological treatment
Interaction of Pharmacological and Nonpharmacological Therapy, 804

Norepinephrine
Biochemical Evidence of Sympathetic Hyperactivity in Human Hypertension, III-29
Carotid Baroreceptor Function in Dogs With Chronic Norepinephrine Infusion, 745
Glucagon and Clonidine Testing in the Diagnosis of Pheochromocytoma, 733
Norepinephrine Overflow and Renin Pattern of the Individual Kidney in Patients With Unilateral Renal Artery Stenosis, 1003
Obesity, Glucose Intolerance, Hyperinsulinemia, and Response to Antihypertensive Drugs, 565
Plasma Norepinephrine and Dihydroxyphenylglycol in Essential Hypertension, 546
Preservation of Renal Function by Angiotensin During Chronic Adrenergic Stimulation, 278
Relation of Obesity and Diet to Sympathetic Nervous System Activity, 669
Salt Loads Raise Plasma Fatty Acids and Lower Insulin, 958
Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349
Why Do Lean Hypertensives Have Higher Mortality Rates Than Other Hypertensives? Findings of the Hypertension Detection and Follow-up Program, 553

Northern blot analysis
Expression of Brain Natriuretic Peptide Gene in Human Heart: Production in the Ventricle, 1152

Nuclear magnetic resonance
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951

Nucleus tractus solitarii
Functional Interactions Between Angiotensin II and Substance P in the Dorsal Medulla, 1121

O

Obesity
Cellular Ions in Hypertension, Diabetes, and Obesity: A Nuclear Magnetic Resonance Spectroscopic Study, 951
Insulin Resistance and Blood Pressure Regulation in Obese and Nonobese Subjects: Special Lecture, 837
Role of Sympathetic Activity in Blood Pressure Reduction With Low Calorie Regimen, 965
Olfactory bulb
Atrial Natriuretic Factor Receptor Subtypes in the Rat Central Nervous System, 1144
Orthostatic hypotension
Plasma Norepinephrine and Dihydroxyphenylglycol in Essential Hypertension, 546
Sympathetic Neural Adjustments to Stress in Physically Trained and Untrained Humans, 36
Ouabain
Development of an Immunoassay for Endogenous Digitalislike Factor, 936
Effect of Ouabain on Endothelium-Dependent Relaxation of Human Resistance Arteries, 619
Effects of an Endogenous Ouabainlike Compound on Heart and Aorta, 944
Sympathetic Neural Control of Vascular Muscle in Reduced Renal Mass Hypertension, 1185
Ouabain cardiac glycosides
Mass Spectral Characterization of an Endogenous Digitalislike Factor From Human Plasma, 930
Ouabainlike compound
Development of an Immunoassay for Endogenous Digitalislike Factor, 936
Effects of an Endogenous Ouabainlike Compound on Heart and Aorta, 944
Purification of an Endogenous Digitalislike Factor From Human Plasma for Structural Analysis, 923
Oxygen radicals
Do Leukocytes Have a Role in Hypertension?, 331

P

Paraventricular hypothalamic nucleus
Neurophysiological Responses to Angiotensin-(1–7), 1111
Peptides
Endothelins: A Family of Regulatory Peptides: State-of-the-Art Lecture, 856
Functional Interactions Between Angiotensin II and Substance P in the Dorsal Medulla, 1121
Structure-Activity Studies of Bradykinin and Related Peptides: B_2-Receptor Antagonists, 107
Pheochromocytoma
Diagnosis of Pheochromocytoma: Reflections on a Controversy, 742
Glucagon and Clonidine Testing in the Diagnosis of Pheochromocytoma, 733
Phosphates
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969
Phosphorylation
Vascular Smooth Muscle Contractile Elements: Cellular Regulation, 723
Plasma
Purification of an Endogenous Digitalislike Factor From Human Plasma for Structural Analysis, 923
Plasma renin activity
Muscle Sympathetic Nerve Activity in Renovascular Hypertension and Primary Aldosteronism, 1057
Similar Prevalence of Renovascular Hypertension in Selected Blacks and Whites, 678
Plasma volume
Modulation of Endothelin Effects on Blood Pressure and Hematocrit by Atrial Natriuretic Peptide, 864
Platelet-derived growth factor
Hypertension-Induced Changes of Platelet-Derived Growth Factor Receptor Expression in Rat Aorta and Heart, 888
Plethysmography
Independence of Pressure Reactivity From Pressure Levels in Tecumseh, Michigan, III-12
Potassium
G Protein–Mediated Ion Channel Activation, 684
Maternal Prenatal Dietary Potassium, Calcium, Magnesium, and Infant Blood Pressure, 218
Relation of Electrolytes to Blood Pressure in Men: The Yi People Study, 378
Specific Supersensitivity of the Mesenteric Vascular Bed of Dahl Salt-Sensitive Rats, 349
Preeclampsia
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Pressor response
Angiotensin II Causes Vascular Hypertrophy in Part by a Non-pressor Mechanism, 626
Pressoreceptors
Rapid Baroreceptor Resetting in Dahl Salt-Sensitive Rats, 541
Prognosis
Prognostic Significance of Exercise Versus Resting Blood Pressure in Hypertensive Men, 574
Prorenin
Human Prorenin, 469
Prostaglandins
Calcium and Prostaglandin E_2 in Renomedullary Interstitial Cells, 303
Role of Prostanoids in Renin-Dependent and Renin-Independent Hypertension, 517
Significance of Vascular Renin for Local Generation of Angiotensins, 270
Subtype 2 Angiotensin Receptors Mediate Prostaglandin Synthesis in Human Astrocytes, 1115
Protein kinase C
Protein Kinase Inhibitors and Blood Pressure Control in Spontaneously Hypertensive Rats, 91
Proto-oncogenes
Transforming Growth Factor β_1 Expression and Effect in Aortic Smooth Muscle Cells From Spontaneously Hypertensive Rats, 896
Pulmonary artery
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Pulmonary wedge pressure
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Purinergic receptors
Juxtamedullary Afferent Arteriolar Responses to P_1 and P_2 Purinergic Stimulation, 1033

R

Rabbit studies
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085
Radioimmunoassay
Angiotensin-(1–7): A Member of Circulating Angiotensin Peptides, 131
Rarefaction
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902
Rat studies
Adrenergic Stimulation of Renal Prostanoids in the Lyon Hypertensive Rat, 296
Androgen Receptor and the Testes Influence Hypertension in a Hybrid Rat Model, 1104
Cosegregation of Blood Pressure with a Kallikrein Gene Family Polymorphism, 242
Effects of α_1-Blockade on Arterial Compliance in Normotensive and Hypertensive Rats, 534
Nucleus Prepositus Hypoglossi: A Medullary Pressor Region, 1173

Role of Sympathetic Nerve Activity in the Generation of Vascular Nitric Oxide in Urethane-Anesthetized Rats, 881
Small Artery Resistance Increases During the Development of Renal Hypertension, 317

Reduced renal mass hypertension
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902

Relaxation
Stress Management in the Treatment of Mild Primary Hypertension, III-63

Renal artery obstruction
Kinin Contribution to Renal Vasodilator Effect of Captopril in Rabbit, 504
Norepinephrine Overflow and Renin Pattern of the Individual Kidney in Patients With Unilateral Renal Artery Stenosis, 1003
Renal and Endocrine Responses to a Renin Inhibitor, Enalkiren, in Normal Humans, 510
Similar Prevalence of Renovascular Hypertension in Selected Blacks and Whites, 678

Renal circulation
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078
Dual Hemodynamic Mechanisms for Salt-Induced Hypertension in Dahl Salt-Sensitive Rats, 1063
Effect of Angiotensin II Antagonism on Canine Renal Sympathetic Nerve Function, 1127
Enhanced Chloride Reabsorption in the Loop of Henle in Dahl Salt-Sensitive Rats, 1018
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982

Renal function
Adenosine Receptors and Signaling in the Kidney, 117
Calcium and Prostaglandin E_2 in Renomedullary Interstitial Cells, 303
Effect of Enalapril Treatment on the Pressure–Natriuresis Curve in Spontaneously Hypertensive Rats, 54
Preservation of Renal Function by Angiotensin During Chronic Adrenergic Stimulation, 278
Stress and Sodium Intake in Neural Control of Renal Function in Hypertension, III-2

Renal hypertension
Effect of N^G-Monomethyl L-Arginine on Endothelium-Dependent Relaxation in Arterioles of One-Kidney, One Clip Hypertensive Rats, 875
Enhanced Chloride Reabsorption in the Loop of Henle in Dahl Salt-Sensitive Rats, 1018
Insulin Resistance and Blood Pressure Regulation in Obese and Nonobese Subjects: Special Lecture, 837
Preservation of Renal Function by Angiotensin During Chronic Adrenergic Stimulation, 278
Renal Hemodynamic Effects of Calcium Antagonists in Rats With Reduced Renal Mass, 288
Salt Blocks the Renal Benefits of Ramipril in Diabetic Hypertensive Rats, 497
Small Artery Resistance Increases During the Development of Renal Hypertension, 317

Renal nerves
Nicotine Impairs Reflex Renal Nerve and Respiratory Activity in Deoxycorticosterone Acetate–Salt Rats, 179
Role of Anteroventral Third Ventricle and Vasopressin in Renal Response to Stress in Borderline Hypertensive Rats, 755
Stress and Sodium Intake in Neural Control of Renal Function in Hypertension, III-2

Renin
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052
Norepinephrine Overflow and Renin Pattern of the Individual Kidney in Patients With Unilateral Renal Artery Stenosis, 1003
Renin Promoter SV40 T-Antigen Transgenic Mouse: A Model of Primary Renal Vascular Hyperplasia, 1167
Significance of Vascular Renin for Local Generation of Angiotensins, 270

Renin-angiotensin system
Angiotensin-(1–7): A Member of Circulating Angiotensin Peptides, 131
Angiotensins: A Family That Grows From Within, 139
DuP 753 Is a Specific Antagonist for the Angiotensin Receptor
Effect of Angiotensin II Antagonism on Canine Renal Sympathetic Nerve Function, 1127
β-Adrenergic–Induced Local Angiotensin Generation in the Rabbit Hind Limb Is Dependent on the Kidney, 1010
Human Prorenin, 469
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Role of Prostanoids in Renin-Dependent and Renin-Independent Hypertension, 517
Significance of Vascular Renin for Local Generation of Angiotensins, 270
Sodium Restriction in Hypertensive Patients Treated With a Converting Enzyme Inhibitor and a Thiazide, 798
Transgenic Rats: New Animal Models in Hypertension Research: Invited Lecture, 843

Renin-dependent hypertension
Role of Prostanoids in Renin-Dependent and Renin-Independent Hypertension, 517
Similar Prevalence of Renovascular Hypertension in Selected Blacks and Whites, 678

Renovascular hypertension
Muscle Sympathetic Nerve Activity in Renovascular Hypertension and Primary Aldosteronism, 1057
Norepinephrine Overflow and Renin Pattern of the Individual Kidney in Patients With Unilateral Renal Artery Stenosis,
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902
Sympathetic Neural Control of Vascular Muscle in Reduced Renal Mass Hypertension, 1185
1003

Research
Transgenic Animals: New Approaches to Hypertension Research, 394

Respiratory system
Nicotine Impairs Reflex Renal Nerve and Respiratory Activity in Deoxycorticosterone Acetate–Salt Rats, 179

Risk factors
High-Normal Blood Pressure Progression to Hypertension in the Framingham Heart Study, 22

Ritanserin
Serotonin and the Glomerular Mesangium: Mechanisms of Intracellular Signaling, 151

S

Salt
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485
Salt Blocks the Renal Benefits of Ramipril in Diabetic Hypertensive Rats, 497

Salt-sensitive rats
Antihypertensive Effects of an Aromatase Inhibitor in Inbred Salt-Sensitive Rats, 771
Rapid Baroreceptor Resetting in Dahl Salt-Sensitive Rats, 541

Serotonin
Raynaud's Phenomenon: An Update, 593
Serotonin and the Glomerular Mesangium: Mechanisms of Intracellular Signaling, 151

Sex differences
Separate Sex-Influenced and Genetic Components in Spontaneously Hypertensive Rat Hypertension, 1097

Skeletal muscle
Impaired Insulin Action on Skeletal Muscle Metabolism in Essential Hypertension, 170
Relation of Electrolytes to Blood Pressure in Men: The Yi People Study, 378
Renal Manifestations of NaCl Sensitivity in Borderline Hypertensive Rats, 44

Role of Anteroventral Third Ventricle and Vasopressin in Renal Response to Stress in Borderline Hypertensive Rats, 755

Sodium
Aqueduct Block Markedly Reduces Mortality and Hypertension in Post–Deoxycorticosterone Acetate Dahl Salt-Resistant Rats, 1197
Effect of Enalapril Treatment on the Pressure–Natriuresis Curve in Spontaneously Hypertensive Rats, 54
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
Insulin Resistance and Blood Pressure Regulation in Obese and Nonobese Subjects: Special Lecture, 837
Kidney, Salt Intake, and Na^+,K^+-ATPase Inhibitors in Hypertension: 1990 Corcoran Lecture, 830
Patterns of Sodium Excretion During Sympathetic Nervous System Arousal, 1156
Renal and Endocrine Responses to a Renin Inhibitor, Enalkiren, in Normal Humans, 510
Renal Vascular Response to Sodium Loading in Sons of Hypertensive Parents, 982
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085
Sodium Depresses Arterial Baroreceptor Reflex Function in Normotensive Humans, 989
Stress and Sodium Intake in Neural Control of Renal Function in Hypertension, III-2

Sodium excretion
Lateral Parabrachial Nucleus and Angiotensin II–Induced Hypertension, 1177
Role of Endogenous Atrial Natriuretic Peptide in Regulating Sodium Excretion in Spontaneously Hypertensive Rats: Effects of Neutral Endopeptidase Inhibition, 1025

Sodium pump inhibitor
Purification of an Endogenous Digitalislike Factor From Human Plasma for Structural Analysis, 923

Sodium-dependent hypertension
High NaCl Diet Enhances Arterial Baroreceptor Reflex in NaCl-Sensitive Spontaneously Hypertensive Rats, 363
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085
Salt Loads Raise Plasma Fatty Acids and Lower Insulin, 958

Sodium-hydrogen exchange
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203
Kinetic Abnormalities of the Red Blood Cell Sodium-Proton Exchange in Hypertensive Patients, 340

Sodium-lithium countertransport
Exclusion of the Na^+-H^+ Antiporter As a Candidate Gene in Human Essential Hypertension, 8
Kinetic Abnormalities of the Red Blood Cell Sodium-Proton Exchange in Hypertensive Patients, 340
Linkage of MN Locus and Erythrocyte Lithium–Sodium Countertransport in Tecumseh, Michigan, 977

Sodium-potassium ATPase
Effect of Ouabain on Endothelium-Dependent Relaxation of Human Resistance Arteries, 619
Kidney, Salt Intake, and Na^+,K^+-ATPase Inhibitors in Hypertension: 1990 Corcoran Lecture, 830
Purification of an Endogenous Digitalislike Factor From Human Plasma for Structural Analysis, 923

Sodium-potassium cotransport
Effects of Lovastatin Treatment on Red Blood Cell and Platelet Cation Transport, 203

Sodium-potassium-chloride cotransport
Recovery of Erythrocyte Na^+-K^+-Cl^- Cotransport Activity by Enalapril, 334

Spectrum analysis, mass
Mass Spectral Characterization of an Endogenous Digitalislike Factor From Human Plasma, 930

Sphygmomanometers
Characterization of Auscultatory Gaps With Wideband External Pulse Recording, 225

Spontaneously hypertensive rats
Antihypertensive Action of Medullipin I Given by Mouth, 1092
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485
Chronic Treatment With Tin Normalizes Blood Pressure in Spontaneously Hypertensive Rats, 776
Cosegregation of Blood Pressure with a Kallikrein Gene Family Polymorphism, 242
Effect of Hydralazine on the Mesenteric Vasculature of Hypertensive Rats, 526
High NaCl Diet Enhances Arterial Baroreceptor Reflex in NaCl-Sensitive Spontaneously Hypertensive Rats, 363
In Vitro Tissue Potencies of Converting Enzyme Inhibitors: Prodrug Activation by Kidney Esterase, 492
Isolation of Preferentially Expressed Genes in the Kidneys of Hypertensive Rats, 161
Leukocyte Counts and Activation in Spontaneously Hypertensive and Normotensive Rats, 323
Prevention of Hypertension and Vascular Changes by Captopril Treatment, 141
Protein Kinase Inhibitors and Blood Pressure Control in Spontaneously Hypertensive Rats, 91
Salt Blocks the Renal Benefits of Ramipril in Diabetic Hypertensive Rats, 497
Separate Sex-Influenced and Genetic Components in Spontaneously Hypertensive Rat Hypertension, 1097
Transforming Growth Factor β_1 Expression and Effect in Aortic Smooth Muscle Cells From Spontaneously Hypertensive Rats, 896
Transgenic Rats: New Animal Models in Hypertension Research: Invited Lecture, 843

Stannous chloride
Chronic Treatment With Tin Normalizes Blood Pressure in Spontaneously Hypertensive Rats, 776

Stress
Biochemical Evidence of Sympathetic Hyperactivity in Human Hypertension, III-29
Effect of Stress on Diagnosis of Hypertension, III-56
Independence of Pressure Reactivity From Pressure Levels in Tecumseh, Michigan, III-12
Methodological Problems in Evaluation of Cardiovascular Effects of Stress in Humans, III-50
Stress and Sodium Intake in Neural Control of Renal Function in Hypertension, III-2
Stress Management in the Treatment of Mild Primary Hypertension, III-63

Stroke
Effects of Antihypertensive Therapy on Mechanics of Cerebral Arterioles in Rats, 308

Stroke-prone spontaneously hypertensive rats
Endothelium-Dependent Responses of Cerebral Blood Vessels During Chronic Hypertension, 612

Substance P
Functional Interactions Between Angiotensin II and Substance P in the Dorsal Medulla, 1121

Sugar phosphates
Calcium and Prostaglandin E_2 in Renomedullary Interstitial Cells, 303

Superoxide dismutase
Influence of Hypertension and Dietary Copper on Indexes of Copper Status in Rats, 793

SV40 T-antigen
Renin Promoter SV40 T-Antigen Transgenic Mouse: A Model of Primary Renal Vascular Hyperplasia, 1167

Sympathetic nervous system
Abnormal Cardiovascular Reactivity in Borderline and Mild Essential Hypertension, III-22
Aging Escalates Baroreceptor Reflex Suppression by the Posterior Hypothalamus in Rats, 80
Central Effect of Endothelin on Neurohormonal Responses in Conscious Rabbits, 1192

Chemical Sympathectomy Alters the Development of Hypertension in Miniature Swine, 357
Effect of Angiotensin II Antagonism on Canine Renal Sympathetic Nerve Function, 1127
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
High NaCl Diet Enhances Arterial Baroreceptor Reflex in NaCl-Sensitive Spontaneously Hypertensive Rats, 363
Management of Hypertension by Reduction in Sympathetic Activity, III-69
Mental Stress Increases Sympathetic Nerve Activity During Sustained Baroreceptor Stimulation in Humans, III-43
Muscle Sympathetic Nerve Activity in Renovascular Hypertension and Primary Aldosteronism, 1057
Patterns of Sodium Excretion During Sympathetic Nervous System Arousal, 1156
Raynaud's Phenomenon: An Update, 593
Relation of Obesity and Diet to Sympathetic Nervous System Activity, 669
Renal Manifestations of NaCl Sensitivity in Borderline Hypertensive Rats, 44
Role of Sympathetic Activity in Blood Pressure Reduction With Low Calorie Regimen, 965
Role of Sympathetic Nerve Activity in the Generation of Vascular Nitric Oxide in Urethane-Anesthetized Rats, 881
Spectral Analysis to Assess Increased Sympathetic Tone in Arterial Hypertension, III-36
Sympathetic Drive and Vascular Damage in Hypertension and Atherosclerosis, III-75

Sympatholytics
Effects of α_1-Blockade on Arterial Compliance in Normotensive and Hypertensive Rats, 534
Raynaud's Phenomenon: An Update, 593
Sympathetic Drive and Vascular Damage in Hypertension and Atherosclerosis, III-75

T

Testicular feminization
Androgen Receptor and the Testes Influence Hypertension in a Hybrid Rat Model, 1104

Testosterone
Androgen Receptor and the Testes Influence Hypertension in a Hybrid Rat Model, 1104

Tetrazolium salts
Leukocyte Counts and Activation in Spontaneously Hypertensive and Normotensive Rats, 323

Thermodilution
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072

Thiazide diuretics
Sodium Restriction in Hypertensive Patients Treated With a Converting Enzyme Inhibitor and a Thiazide, 798

Thromboxane
Adrenergic Stimulation of Renal Prostanoids in the Lyon Hypertensive Rat, 296
Role of Prostanoids in Renin-Dependent and Renin-Independent Hypertension, 517

Transgenic animals
Renin Promoter SV40 T-Antigen Transgenic Mouse: A Model of Primary Renal Vascular Hyperplasia, 1167
Transgenic Animals: New Approaches to Hypertension Research, 394
Transgenic Rats: New Animal Models in Hypertension Research: Invited Lecture, 843

Trophin
Angiotensin II Causes Vascular Hypertrophy in Part by a Non-pressor Mechanism, 626

U

Uric acid
Nephrotoxicity of Allopurinol Is Enhanced in Experimental Hypertension, 194
Predictors of an Increased Risk of Future Hypertension in Utah: A Screening Analysis, 969

V

Vascular endothelium
Role of Endothelium-Derived Relaxing Factor in Regulation of Vascular Tone and Remodeling: Update on Humoral Regulation of Vascular Tone, 909

Vascular reactivity
Endothelium-Derived Relaxing Factor Modulates Endothelin Action in Afferent Arterioles, 1052

Vascular resistance
Central Hemodynamic Observations in Untreated Preeclamptic Patients, 1072
Contribution of Regional Vascular Responses to Whole Body Autoregulation in Conscious Areflexic Rats, 1078
Dual Hemodynamic Mechanisms for Salt-Induced Hypertension in Dahl Salt-Sensitive Rats, 1063
Effect of Ouabain on Endothelium-Dependent Relaxation of Human Resistance Arteries, 619
Intracellular pH in Human Resistance Arteries in Essential Hypertension, 780
Small Artery Resistance Increases During the Development of Renal Hypertension, 317
Sympathetic Neural Control of Vascular Muscle in Reduced Renal Mass Hypertension, 1185

Vascular smooth muscle
A Potent Vasoconstrictor in the Rat Submandibular Gland, 101
Prevention of Hypertension and Vascular Changes by Captopril Treatment, 141
Protein Kinase Inhibitors and Blood Pressure Control in Spontaneously Hypertensive Rats, 91
Structural Alterations of Microvascular Smooth Muscle Cells in Reduced Renal Mass Hypertension, 902
Structure-Activity Studies of Bradykinin and Related Peptides: B_2-Receptor Antagonists, 107
Transforming Growth Factor β_1 Expression and Effect in Aortic Smooth Muscle Cells From Spontaneously Hypertensive Rats, 896
Vascular Smooth Muscle Contractile Elements: Cellular Regulation, 723

Vasculature
Significance of Vascular Renin for Local Generation of Angiotensins, 270

Vasoconstriction
A Potent Vasoconstrictor in the Rat Submandibular Gland, 101
Hemodynamic Determinants of Vascular Changes in Hypertension and Atherosclerosis, III-7
Juxtamedullary Afferent Arteriolar Responses to P_1 and P_2 Purinergic Stimulation, 1033
Modulation of Endothelin Effects on Blood Pressure and Hematocrit by Atrial Natriuretic Peptide, 864
Shear Stress–Induced Release of Nitric Oxide From Endothelial Cells Grown on Beads, 187
Role of Anteroventral Third Ventricle and Vasopressin in Renal Response to Stress in Borderline Hypertensive Rats, 755
Vasopressin Response in Collecting Ducts of Rats Resistant to Mineralocorticoid Hypertension, 63

Vasodilation
Antihypertensive Action of Medullipin I Given by Mouth, 1092

Vasopressins
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
Lateral Parabrachial Nucleus and Angiotensin II–Induced Hypertension, 1177
Neurophysiological Responses to Angiotensin-(1–7), 1111
Role of Vasopressin in Salt-Induced Hypertension in Baroreceptor-Denervated Uninephrectomized Rabbits, 1085
Transgenic Rats: New Animal Models in Hypertension Research: Invited Lecture, 843

Venous pressure
Regulation of Cerebral Blood Vessels by Humoral and Endothelium-Dependent Mechanisms: Update on Humoral Regulation of Vascular Tone, 917

Ventricular mass
Independence of Pressure Reactivity From Pressure Levels in Tecumseh, Michigan, III-12

Red Blood Cell Lithium-Sodium Countertransport in the Tecumseh Blood Pressure Study, 652
Verapamil
Renal Hemodynamic Effects of Calcium Antagonists in Rats With Reduced Renal Mass, 288
Vestibular nuclei
Nucleus Prepositus Hypoglossi: A Medullary Pressor Region, 1173

W

Water
Effects of Chronic Intraventricular Sodium on Blood Pressure and Fluid Balance, 28
Role of Anteroventral Third Ventricle and Vasopressin in Renal Response to Stress in Borderline Hypertensive Rats, 755
White coat phenomenon
Effect of Stress on Diagnosis of Hypertension, III-56
Wistar-Furth Rats
Vasopressin Response in Collecting Ducts of Rats Resistant to Mineralocorticoid Hypertension, 63
Wistar-Kyoto rats
Brain and Liver Angiotensinogen Messenger RNA in Genetic Hypertensive and Normotensive Rats, 485
In Vitro Tissue Potencies of Converting Enzyme Inhibitors: Prodrug Activation by Kidney Esterase, 492